

Declaration For U.S. Patent Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled (INSERT TITLE)
ANTIBACTERIAL AGENT,
the specification of which

(Check one
of 1, 2, or 3.)

1. is attached hereto.
2. was filed on _____ as
International PCT Application No. _____
and was amended on _____
(if applicable)
3. was filed on March 19, 2002 as
U.S. Application Serial No. 10/100,189
and was amended on _____
(if applicable)

I hereby state that I have reviewed and understand the content of the above-identified specification, including the claim(s), as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application as defined in Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application for which priority is claimed:

(List prior foreign applications.)	(Number)	(Country)	(Day/Month/Year Filed)	Priority Claimed <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
				<input type="checkbox"/> Yes <input type="checkbox"/> No
				<input type="checkbox"/> Yes <input type="checkbox"/> No

See attached list for additional prior foreign applications

I hereby claim the benefit under Title 35, United States Code, § 120, of any United States patent application listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56, which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)

(Filing Date)

(Status)

KUBOVCIK & KUBOVCIK
Docket No. TSG-025

And I hereby appoint as principal attorney and agent Ronald J. Kubovcik, Reg. No. 25,401; and Keiko T. Kubovcik, Reg. No. 40,428.

Please direct all communications to the following address:

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Fax: (202) 887-9093

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first or sole inventor: Tadahiro HIRAMOTO

Inventor's Signature: Tadahiro Hiramoto Date: May 7, 2002

Residence: c/o TAKASAGO INTERNATIONAL CORPORATION, Central Research Laboratory,
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Citizenship: Japan

Post Office Address: same as residence

Full name of second inventor: Ryo TAKEUCHI

Inventor's Signature: Ryo Takeuchi Date: May 7, 2002

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Citizenship: Japan

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Full name of third inventor: Minoru HANADA

Inventor's Signature: Minoru Hanada Date: May 7, 2002

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Full name of fourth inventor: Fumitaka NOROSE (deceased)

Representative's (Ritsuko NOROSE) Signature: Ritsuko Norose Date: May 5, 2002

Residence: 16-14, Nakazato, Odawara-shi, Kanagawa, JAPAN

Citizenship: Japan

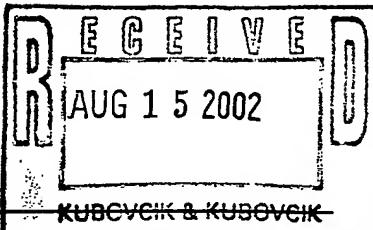
Post Office Address: c/o TAKASAGO INTERNATIONAL CORPORATION, Central Research Laboratory, 4-11, Nishiyawata 1-chome, Hiratsuka-shi, Kanagawa 254-0073 JAPAN



AUGUST 12, 2002

PTAS

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UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

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BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

HIRAMOTO, TADAHIRO

DOC DATE: 05/07/2002

ASSIGNOR:

TAKEUCHI, RYO

DOC DATE: 05/07/2002

ASSIGNOR:

HANADA, MINORU

DOC DATE: 05/07/2002

ASSIGNOR:

NOROSE, RITSUKO

DOC DATE: 05/05/2002

ASSIGNEE:

TAKASAGO INTERNATIONAL CORPORATION
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TOKYO, JAPAN 144-8721

SERIAL NUMBER: 10100189

FILING DATE: 03/19/2002

PATENT NUMBER:

ISSUE DATE:



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SHARON BROOKS, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by

(Insert ASSIGNEE'S
Name(s) Address(es))

TAKASAGO INTERNATIONAL CORPORATION

37-1, Kamata 5-chome, Ohta-ku, Tokyo 144-8721 JAPAN

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

(Title of Invention)

ANTIBACTERIAL AGENT

(*If the assignment is
being filed after the
filing of the
application, this section
must be completed)

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

*filed on March 19, 2002, Serial No. 10/100,189

(Kubovcik & Kubovcik is hereby authorized to insert the series code, serial number and/or filing date, when known)

and to all Letters Patent of the United States to be obtained thereof on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with this application and any continuing, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(signatures)

<u>Tadahiro Hiramoto</u> (SIGNATURE)	Tadahiro HIRAMOTO (TYPE NAME)	<u>May 7, 2002</u> (DATE)
<u>Ryo Takeuchi</u> (SIGNATURE)	Ryo TAKEUCHI (TYPE NAME)	<u>May 7, 2002</u> (DATE)
<u>Minoru Hanada</u> (SIGNATURE)	Minoru HANADA (TYPE NAME)	<u>May 7, 2002</u> (DATE)
<u>Fumitaka Norose</u> (SIGNATURE)	Fumitaka NOROSE (deceased) Ritsuko NOROSE (wife) (TYPE NAME)	<u>May 5, 2002</u> (DATE)